

# NFPA 805: An Industry Perspective

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# SNC Vision

- Sustained excellence in Nuclear Safety through performance-based/risk-informed decision making
  - Predictable and Sustainable Transition
  - Holistic Approach

# Strategy

- Voluntary risk-informed applications
- State-of-the-art models and tools
- Infrastructure development

# Predictable and Sustainable Transition

- NFPA-805 Challenges
  - Unclear Role of Fire PRA Peer Review
  - Duration of NRC LAR Review
  - Objectivity of Post Transition Inspection Process

# Holistic Approach

- Fire PRA Model Impacts
  - Disparity between Fire PRA model and operating experience undermines holistic vision
    - Reduces overall effectiveness of risk-informed decision making
    - Delays maturity of Fire PRA methodology due to lack of usage

# Path to Success

- NFPA 805
  - Predictability and flexibility
- Fire PRA
  - Realism and clarification of Fire PRA peer review role

# Acronyms

- NFPA - National Fire Protection Association
- SNC - Southern Nuclear Operating Company
- LAR - License Amendment Request
- Fire PRA - Fire Probabilistic Risk Assessment